

ILLINOIS

WEATHER & CROPS



**ILLINOIS
COOPERATIVE CROP
REPORTING SERVICE**

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DOC, NOAA, NATIONAL WEATHER SERVICE

CROP HI-LITES

*** Soybeans - 83% blooming, 35% podded
*** Corn - 95% silked, 25% dough
*** Soil Moisture - 19% adequate
81% short

CORN was 95% silked as of Sunday, July 27. This compares to 72% last year and 82% for the 5-year (1975-79) average. Twenty-five percent of the crop has reached dough stage, as compared to 8% a year ago, and an average of 26%. Corn condition as of Friday, July 25, was reported as 7% excellent, 38% good, 47% fair, and 8% poor. Corn over most of the southern three-fourths of the state was beginning to show stress from lack of moisture.

SOYBEANS are 83% bloomed, compared to 69% in 1979 and 73% for the average. Thirty-five percent of the soybeans have set pods as compared to 26% a year ago and an average of 37%. The crop was reported as 5% excellent, 40% good, 47% fair, and 8% poor. Soybeans in many areas were also showing stress due to lack of rain.

Twenty percent of the WHEAT acreage has been plowed compared to 13% a year ago and the 5-year average of 16%.

OATS are 98% ripe, compared to 80% last year and an average of 91%. The crop was 55% harvested compared to 43% in 1979 and 65% for the average.

The second crop of ALFALFA HAY is 88% cut. This compares to 80% last year and an average of 78%. The hay condition was reported as 6% excellent, 43% good, 45% fair, and 6% poor.

PASTURE condition was reported as 19% good, 45% fair, and 36% poor. Livestock condition benefited from the cooler weather last week.

For the week ending July 25, SOIL MOISTURE was reported as 19% adequate and 81% short.

There was an average of 6.50 DAYS SUITABLE for FIELDWORK for the week ending July 25.

MOTOR FUEL SUPPLIES for agricultural uses were generally adequate throughout the state.

MAIN ACTIVITIES for the week included haying, tilling wheat stubble, hand weeding beans, and spraying.

WEATHER

TEMPERATURES for the period of July 21-27 averaged between normal and 4 degrees below normal as a cool trend developed for the first time in four weeks. However, maximum temperatures climbed into the 90's over much of the State during part of the week.

PRECIPITATION ranged from .50 of an inch to 1.30 inches with some areas receiving more than 2 inches of rain. Thunderstorms moved over much of the State at the beginning and at the end of the week.

The OUTLOOK for the period of July 29-August 5 is for temperatures and precipitation to be near normal.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: Percent											
Silked (July 27)	96	92	92	96	96	98	97	95	90	95	82
Soybeans: Percent											
Blooming (July 27)	85	90	85	88	92	80	82	70	70	83	73
Days Suitable for fieldwork: (week ending July 25)	6.5	6.5	6.5	6.5	7.0	6.5	5.5	6.5	6.5	6.50	
Soil Moisture %:											
(as of July 25) Short	30	65	85	100	95	85	75	95	100	81	
Adequate	70	35	15	--	5	15	25	5	--	19	
Surplus	--	--	--	--	--	--	--	--	--	--	

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Illinois Weather & Crops
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ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	May	June	June 30- July 6	July 7- 13	July 14- 20	July 21- 27
Chicago	0	-6	-2	+6	+10	0
Moline	-2	-2	0	+7	+7	-2
Springfield	+4	-1	+2	+10	+10	-1
So. Central	-1	-1	+4	+11	+10	-2

STATION	July 25 Temperatures			July 28 Growing Degree Days*			
	Maxi- mum	Mini- mum	Aver- age	Current week	3-year avg.	Totals 1979	Totals 1980
Dubuque, Ia.	--	--	--	153	1729	1556	1826
Moline	96	61	77	157	2003	1852	1938
Rockford	97	56	76	137	1845	1634	1721
Chi. O'Hare	101	57	76	154	1906	1691	1679
Quincy	105	62	83	162	2132	2023	2191
Decatur	100	60	80	164	2108	1944	2008
Peoria	98	60	78	154	1999	1802	1924
Springfield	101	61	80	165	2179	1970	2109
Calro	101	67	84	181	2470	2269	2370
St. Louis	102	61	81	177	2355	2255	2360

* Totals are accumulated from April 1.

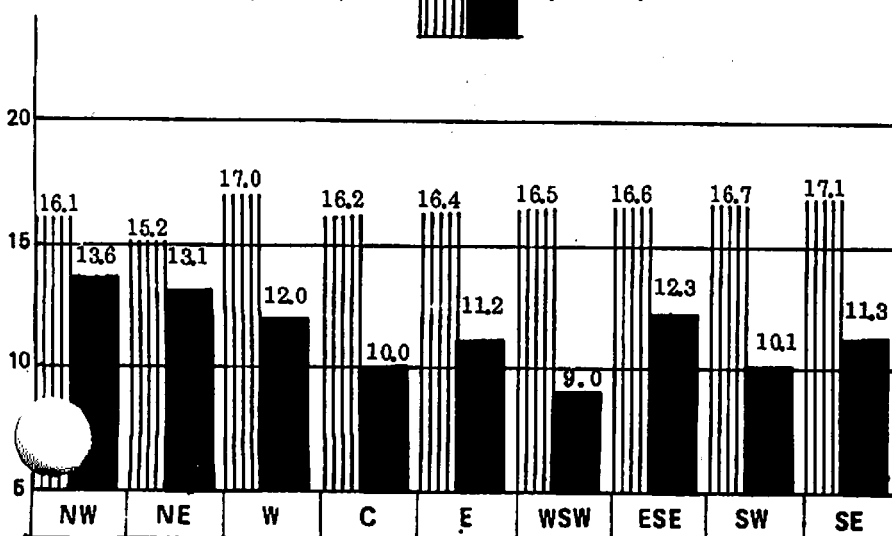
Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 32 degrees (F). Thus, if the mean temperature for the day is 65 degrees, then 25 GDD's will have been accumulated.

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-July 31

Apr. 1-July 24



PRECIPITATION:

First figure--current week, July 11-17
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

